Express Mail Label No. EV514205590US Date of Deposit: June 1, 2005

## **ABSTRACT**

## **BACTERIAL BIOHERBICIDE FOR CONTROL OF GRASSY WEEDS**

The present disclosure concerns specific *Pseudomonas fluorescens* and

5 Pseudomonas putida strains, specific genes and their corresponding specific gene products, the specific bioherbicide molecules whose synthesis or secretion is controlled by those genes and gene products, and methods of using these molecules to control deleterious weeds.